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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Magalie Roman Salas, Secretary
Federal Communications Commission
The Portals
445 Twelfth Street, S.W.
Washington, DC 20554

Re: Arbitration of Interconnection Agreements Between Verizon and Cox
CC Docket No. 00-249

Dear Ms. Salas:

Enclosed for filing in the above-referenced arbitration proceedings, please find 4 copies of the public version of the Supplemental Surrrebuttal Testimony of Nancy Matt, filed on behalf of Verizon Virginia Inc. ("Verizon VA").

Verizon VA is serving 8 copies of the proprietary version, as well as 2 copies of the public version, of the Supplemental Surrebuttal Testimony on Commission staff.

Electronic copies of the Supplemental Surrebuttal Testimony were sent to the Federal Communications Commission on Thursday, October 18, 2001.

As Verizon VA explained in its Recurring Panel Surrebuttal testimony, Verizon VA identified errors in the switching cost studies that were originally filed in this proceeding. Rather than correct these errors at the hearings, Verizon VA is providing in advance an explanation of the revisions it is making to these studies, as well as the revised workpapers. This will enable the parties to review these changes prior to the hearing.

Verizon VA has also provided a revised rate sheet summary, as explained in the supplemental testimony.

Please contact me with any questions.

Sincerely,

Catherine Kane Ronis

Catherine Kane Ronis
Counsel for Verizon Virginia Inc.

Cc: Dorothy Attwood (8 proprietary copies; 2 public copies)
Mark A. Keffer (1 public and 1 proprietary copy)
Jodie L. Kelley (1 public and 1 proprietary copy)
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Chris Huther (w/o enclosures)

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In the Matter of Petition of WorldCom, Inc. Pursuant to Section 252(e)(5) of the Communications Act for Expedited Preemption of the Jurisdiction of the Virginia State Corporation Commission Regarding Interconnection Disputes with Verizon Virginia Inc., and for Expedited Arbitration	)	CC Docket No. 00-218
In the Matter of Petition of Cox Virginia Telecom, Inc., etc.	)	CC Docket No. 00-249
In the Matter of Petition of AT&T Communications of Virginia Inc., etc.	)	CC Docket No. 00-251

VERIZON VIRGINIA INC.

SUPPLEMENTAL SURREBUTTAL TESTIMONY OF NANCY MATT

(PUBLIC)

OCTOBER 18, 2001

I. INTRODUCTION

Q. Please state your name.

A. Nancy Matt.

Q. Are you the same Nancy Matt that filed direct and surrebuttal testimony in this proceeding as part of Verizon Virginia Inc.'s ("Verizon VA's") cost panel on July 31, 2001 and September 21, 2001?

A. Yes.

Q. What is the purpose of this supplemental testimony?

A. As explained in Verizon VA's Recurring Panel Surrebuttal testimony, Verizon VA identified errors in the cost studies initially filed in this proceeding. Verizon VA has corrected these errors and has attached revised workpapers to this testimony. This supplemental testimony explains the changes that Verizon VA has made to its cost studies and the effect that these changes have on Verizon VA's proposed UNE rates.

II. REVISIONS TO SWITCHING COST STUDIES

Q. Please summarize the revisions that Verizon VA made to the switching cost studies originally filed in this proceeding.

A. The Verizon VA switching cost studies rely on SCIS-generated investments, and are converted into costs by Verizon VA's VCost model . Verizon VA has revised its inputs into the SCIS model, which in turn has generated revised switching investments. The revised SCIS outputs also affect the utilization adjustment

spreadsheets, which have also been revised. The revised SCIS generated investments[1/] and revised adjusted utilizations[2/] serve as the new inputs into VCost, which generated revised switching costs. No other revisions have been made to the switching cost studies.[3/]

Q. Please explain the types of revisions Verizon VA made to the switching cost studies.

A. Verizon VA has made the following revisions to the switching cost studies:

- The Siemens discount was revised as previously explained in the Panel Surrebuttal Testimony.
- TR-008 lines that were excluded by SCIS for the 5ESS have been added to the study.
- The numbers of remote terminals and associated T1s for each office have been corrected.
- In each office, the average busy hour CCS per [digital] line has been revised to reflect the average busy hour CCS per [analog] line.
- The line counts entered into SCIS/MO for each office have been corrected. Verizon VA included several offices that were originally excluded, and excluded several offices that were incorrectly included.

1/ See Attachment A for the SCIS/MO output reports. SCIS/MO input and SCIS/IN investment files are attached as Attachments B-1 through B-4 (See files: "VA 5ESS SCIS Inputs.xls," " VA DMS SCIS Inputs.xls," "VA EWSD SCIS Inputs.xls," and "SCIS-IN Features.xls.").

2/ See Attachment C.

3/ See Attachment D for revised backup to MOU studies.

- The utilization/breakage adjustment spreadsheets have been revised to reflect the revised SCIS runs.

Q. Please explain what happened with the TR-008 lines in the 5ESS, in the original cost studies.

A. SCIS Version 2.8 cannot develop investments for TR-008 lines on 5ESS SM-2000 peripherals.

Q. Please explain how the revised switching studies resolved this issue.

A. The TR-008 lines have been provisioned in SCIS on SM2000s as GR-303 lines with a 1:1 line concentration ratio, to represent the TR-008 lines.

Q. Please explain how the SCIS inputs allow for both the GR-303 lines at a 3:1 ratio and GR-303 lines at a 1:1 ratio (those lines that represent Verizon VA's TR-008 lines) to be entered.

A. SCIS calculates the concentration ratio for GR-303 lines by analyzing three inputs: (1) the number of POTS lines on SM2000; (2) the total T1s from GR-303 RDTs terminating in IDCU on SM2000; and (3) the number of GR-303 remote digital terminals on SM2000. Based on the concentration ratio desired on the number of lines identified in (1), numbers (2) & (3) are calculated outside the SCIS model and entered as inputs. Outside of SCIS, for each host and remote, Verizon VA calculated the three inputs separately for the quantity GR-303 lines at a 3:1 ratio and for the quantity of GR-303 lines at a 1:1 ratio (those lines that

represent Verizon VA's TR-008 lines). The sum of each of these values was then entered into SCIS. This resulted in SCIS calculating the proper melded concentration ratio for the sum of the lines.[4/]

Q. Please explain why the average busy hour CCS for digital lines was revised to reflect the average busy hour CCS for analog lines.

A. Verizon VA has conservatively modeled all lines with the analog busy hour CCS because of the SCIS 5ESS TR-008 issue. However, Verizon VA believes that digital GR-303 lines have higher usage than analog and TR-008 lines.

Q. Please summarize the effect of the revisions on Verizon VA's POTS port and MOU switching costs.

A. The monthly POTS port cost is reduced from $3.15 to $2.91. The originating MOU cost increased from $0.002703 to $0.003961. The terminating MOU cost increased from $0.002374 to $0.003477. The revised rates for the other switching-related cost studies are set forth in Attachment G, discussed below.

Q. Is Verizon VA filing a revised rate sheet summary?

A. Yes. A revised rate sheet summary is attached hereto as Attachment G. In additions to the changes to the switching cost studies, as described above, this revised rate sheet reflects the VRUC and line count corrections as described in the Verizon VA Recurring Panel Surrebuttal testimony at pages 249-251.

[4/] Calculations for a sample office are shown on Attachment E. Similar

Q. Does this conclude your testimony?

A. Yes.

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calculations for each office are provided in Attachment F.

Declaration of Nancy Matt

I declare under penalty of perjury that the foregoing is true and correct. Executed this 22nd day of October 2001.

Nancy Matt

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Not Available for Public Viewing

	D
1	**SCIS/MO 2.7 DATA TRANSFER SPREADSHEET**
2	**Ctrl-R: set input categories for download** **Ctrl-S: download inputs by Subset** **Ctrl-T: download inputs by Office** **Ctrl-P: download partial offices and remotes**
3	**Node Definition Inputs**
4	**5ESS**
5	Office/Remote CLLI (up to eleven characters; cannot be blank)
6	Office/Remote Name (up to thirteen characters)
7	Office/Remote Type (EO=End Office; EOT = End Office/Tandem; T=Tandem; see NOTE for valid remote types)
8	Host CLLI for Remote (required for remotes only)
9	State (up to four characters)
10	Tariff Area (up to ten characters)
11	Number of colocated Sw. Modules at remote site (range ORMs: 1 - 12 or U; RSMs 1 - 4 or U)
12	ORM Mileage Type (2, 28, 36 or 100)
13	**General Inputs**
14	Engineering and Traffic Data Current as of: (enter date as MM/YYYY)
15	Is the office Line Equipped? (must be N for Tandem; Y for any other office or remote)
16	Is the office Trunk Equipped? (must be Y for Hosts/Standalones; Y or N for remotes)
17	Is the office SS7 Equipped? (Y or N; Hosts/Standalones only)
18	Is the office ISDN or TR-303 Equipped? (Y or N; Hosts/Standalones and remotes)
19	Is the office AMA Equipped? (Y or N; Hosts/Standalones only)
20	Is the office Remote Equipped? (Y or N; host offices only)
21	HD/ABS CCS Ratio (range 1.00 - 1.30)
22	Use Intermodule Trunking Emergency Standalone Option? (Y or N; multiple SM ORMs only; Default Y)
23	Pct. of peripheral side time slots required for network side time slots (Hosts and EXMs only; range 1-100)
24	Number of NCT2 links per SM-2000 (Hosts and EXMs only, range 2 - 20)
25	Number of SM-2000 Switching Modules (range: Hosts/Standalones 0 - 24)
26	**Umbilical and Other Remote Data - RSMs only**
27	No. of umbilical links (T1's, not DS0 channels; see NOTE for range, or U for system-calc)
28	Total umbilical CCS (maximum 14,515 per SM; enter U for system-calculation)
29	Total umbilical calls (maximum 15,757 per SM; enter U for system-calculation)
30	Net percent intra-remote CCS (range 0 - 100)
31	Net percent intra-remote calls (range 0 - 100)
32	Total Intracluster Intermodule CCS (RSMs with multiple SMs only; range 0 - 20,000)
33	Number of Intracluster Links (RSMs with multiple SMs only; see NOTE for range or U)
34	**CPU / Getting Started Investment**
35	Year of Switch Cutover (Hosts/Standalones only; 1970 - 2050)
36	Peak to Avg BH Factor (HD/ABS call ratio - Hosts/Standalones only; range 1.00 - 2.00)
37	Upgrade CPU before switch replacement? (Y or N; Hosts/Standalones only)
38	***Processor Utilization (PUF; Hosts/Standalones only)***
39	Processor Type (0, 1 or 2; see NOTE for definitions)
40	Number of years to switch replacement (range 1 - 99)
41	Number of years to processor exhaust (range 1 - 99)
42	Processor utilization at cutover (range 0.01 - 100 percent)
43	Processor utilization in fifth year (range 0 - 100 percent)

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44	Processor utilization at switch replacement (range 0 - 100 percent)
45	***GS Inv Adjustments - Hosts/Standalones and Remotes***
46	RTU fees to include in GS Inv. (capitalized; 0 - 9,999,999) - Material
47	RTU fees to include in GS Inv. (capitalized; 0 - 9,999,999) - Engineering
48	RTU fees to include in GS Inv. (capitalized; 0 - 9,999,999) - Installation
49	RTU Discount Type (ND=None; BO/BR=Basic Office/Remote; SW=Software)
50	Other investment to include in GS Inv. (-9,999,999 - 9,999,999) - Material
51	Other investment to include in GS Inv. (-9,999,999 - 9,999,999) - Engineering
52	Other investment to include in GS Inv. (-9,999,999 - 9,999,999) - Installation
53	Other investment in GS Inv. - Discount Type (ND=None; BO/BR=Basic Office/Remote)
54	Adjustment to replication (marginal capacity) inv. (-9,999,999 - 9,999,999) - Material
55	Adjustment to replication (marginal capacity) inv. (-9,999,999 - 9,999,999) - Engineering
56	Adjustment to replication (marginal capacity) inv. (-9,999,999 - 9,999,999) - Installation
57	Adj. to replication inv. - Discount Type (ND=None; BO/BR=Basic Office/Remote)
96	**Line Inputs**
97	***Analog Lines***
98	Number of Working Analog Lines (max: Host 983,040; RSM & ORM 5,120 per SM)
99	Administrative Fill Factor for Analog Lines (range 0.01 - 100 percent)
100	ABSBH O+T CCS per Analog Line (range 0.01 - 36)
101	ABSBH O+T Calls per Analog Line (range 0.01 - 50)
102	Line Unit Concentration Ratio (enter '4:1, '6:1, '8:1, '10:1, or U)
103	Line Unit Coefficient of Variation (enter 0.04 - 0.20 or U)
104	Number of Working SM-2000 LU Analog Lines (max: Host 660,480; EXM 27,520)
105	Administrative Fill Factor for SM-2000 LU Analog Lines (range 0.01 - 100 percent)
106	ABSBH O+T CCS per SM-2000 LU Analog Line (range 0.01 - 36)
107	ABSBH O+T Calls per SM-2000 LU Analog Line (range 0.01 - 50)
108	SM-2000 Line Unit Concentration Ratio (enter '4:1, '6:1, '8:1, '10:1, or U)
109	SM-2000 Line Unit Coefficient of Variation (enter 0.04 - 0.20 or U)
110	Number of SM-2000 AIU Analog Lines (max: Host 614,400; EXM 25,600)
111	Admin. Fill Factor for SM-2000 AIU Analog Lines (range 0.01 - 100 pct)
112	ABSBH O+T CCS per SM-2000 AIU Analog Line (range 0.01 - 36)
113	ABSBH O+T Calls per SM-2000 AIU Analog Line (range 0.01 - 50)
114	AIU Line Concentration Ratio for POTS Lines on AIU (enter 1 OR U)
115	PIDBs per AIU (range 2, 4, 6, 8, 10, 12, or U)
116	AIUs per Cabinet (range 4 or 6)
117	***SLC-96 Modes I and II on IDCU (TR-008)***
118	Number of Working IDCU Mode I Lines (max: Host 983,040; RSM & ORM 5,120 per SM)
119	Administrative Fill Factor for IDCU Mode I Lines (range 0.01 - 100 percent)
120	ABSBH O+T CCS per IDCU Mode I Line (range 0.01 - 36)
121	ABSBH O+T Calls per IDCU Mode I Line (range 0.01 - 50)
122	IDCU Mode I Concentration Ratio (enter U or (U)X:1, see NOTE for acceptable values for X)
123	No. of IDCU Mode I hairpin specials (max: Host 983,040; RSM & ORM 5,120 per SM)
124	Number of Working IDCU Mode II Lines (max: Host 983,040; RSM & ORM 5,120 per SM)
125	Administrative Fill Factor for IDCU Mode II Lines (range 0.01 - 100 percent)
126	ABSBH O+T CCS per IDCU Mode II Line (range 0.01 - 36)
127	ABSBH O+T Calls per IDCU Mode II Line (range 0.01 - 50)
128	IDCU Mode II Concentration Ratio (enter U or (U)X:1, see NOTE for acceptable values for X)
129	No. of IDCU Mode II hairpin specials (max: Host 983,040; RSM & ORM 5120 per SM)
130	Include T1 protection link for IDCU SLC-96 systems? (enter Y or N; Default Y)
131	**SM Processor Inputs**

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132	SM Memory Adjustment (In Megabytes, range -8 to 32; SCIS/MO includes 32 Mb / SM)
133	SM RTU dollars to include per SM (0 - 999,999) - Material
134	SM RTU dollars to include per SM (0 - 999,999) - Engineering
135	SM RTU dollars to include per SM (0 - 999,999) - Installation
136	SM RTU Discount Type (ND=None; BO/BR=Basic Office/Remote; SW=Software)
137	SM Processor HDBH Percent Utilization (range 0 - 100)
138	**Trunk Inputs**
139	Number of Local Analog Trunks (DS0 channels; max: Hosts 98,304; RSM & ORM 512 per SM)
140	Administrative Fill Factor for Local Analog Trunks (range 0.01 - 100 percent)
141	ABSBH CCS per Local Analog Trunk (range 0.01 - 36)
142	ABSBH Outg. + Incmg. Calls per Local Analog Trunk (range 0.01 - 200)
143	Number of Local Digital Trunks (DS0 channels - max: Hosts 92,160; RSM & ORM 480 per SM)
144	Administrative Fill Factor for Local Digital Trunks (range 0.01 - 100 percent)
145	ABSBH Outg. + Incmg. CCS per Local Digital Trunk (range 0.01 - 36)
146	ABSBH Outg. + Incmg. Calls per Local Digital Trunk (range 0.01 - 200)
147	Number of Local SM-2000 Digital Trunks (DS0 channels - max: Host 69,120; EXM 2,880)
148	Administrative Fill Factor for Local SM-2000 Digital Trunks (range 0.01 - 100 percent)
149	ABSBH Outg. + Incmg. CCS per Local SM-2000 Digital Trunk (range 0.01 - 36)
150	ABSBH Outg. + Incmg. Calls per Local SM-2000 Digital Trunk (range 0.01 - 200)
151	Number of Local DNU-SONET Trunks (DS0 channels - max: Host 387,072; EXM 12,096)
152	Administrative Fill Factor for Local DNU-SONET Trunks (range 0.01 - 100 percent)
153	ABSBH Outg. + Incmg. CCS per Local DNU-SONET Trunk (range 0.01 - 36)
154	ABSBH Outg. + Incmg. Calls per Local DNU-SONET Trunk (range 0.01 - 200)
155	Number of Tandem Analog Trunks (DS0 channels - Host/Standalone only; max 98,304)
156	Administrative Fill Factor for Tandem Analog Trunks (range 0.01 - 100 percent)
157	ABSBH Outg. + Incmg. CCS per Tandem Analog Trunk (range 0-36)
158	ABSBH Outg. + Incmg. Calls per Tandem Analog Trunk (range 0-200)
159	Number of Tandem Digital Trunks (DS0 channels; Hosts/Standalone only; max 92,160)
160	Administrative Fill Factor for Tandem Digital Trunks (range 0.01 - 100 percent)
161	ABSBH Outg. + Incmg. CCS per Tandem Digital Trunk (range 0.01 - 36)
162	ABSBH Outg. + Incmg. Calls per Tandem Digital Trunk (range 0.01 - 200)
163	Number of Tandem SM-2000 Digital Trunks (DS0 channels; Hosts/Standalone only; max 69,120)
164	Administrative Fill Factor for Tandem SM-2000 Digital Trunks (range 0.01 - 100 percent)
165	ABSBH Outg. + Incmg. CCS per Tandem SM-2000 Digital Trunk (range 0.01 - 36)
166	ABSBH Outg. + Incmg. Calls per Tandem SM-2000 Digital Trunk (range 0.01 - 200)
167	Number of Tandem DNU-SONET Trunks (DS0 channels; Hosts/Standalone only; max 387,072)
168	Administrative Fill Factor for Tandem DNU-SONET Trunks (range 0.01 - 100 percent)
169	ABSBH Outg. + Incmg. CCS per Tandem DNU-SONET Trunk (range 0.01 - 36)
170	ABSBH Outg. + Incmg. Calls per Tandem DNU-SONET Trunk (range 0.01 - 200)
171	**SS7 Inputs (Hosts/Standalones only)**
172	Calendar year of initial SS7 installation (range 1980 - 2050)
173	Economic life, in years, of SS7 link termination equipment (range 1- 99)
174	Include DLN30 processor with first SS7 link pair? (Y or N)
175	Year of Initial installation (Preset to calendar year of initial SS7 installation)
176	Initial Number of Link Pairs (maximum total link pairs: 19)
177	Percent utilization at initial installation (range 0.01 - 100)

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178	Year of first upgrade
179	First upgrade - link pairs added (maximum total link pairs: 19)
180	Percent utilization at time of first upgrade (range 0 - 100)
181	Year of second upgrade
182	Second upgrade - link pairs added (maximum total link pairs: 19)
183	Percent utilization at time of second upgrade (range 0 - 100)
184	Year of third upgrade
185	Third upgrade - link pairs added (maximum total link pairs: 19)
186	Percent utilization at time of third upgrade (range 0 - 100)
187	Percent utilization at end of SS7 economic life (range 0-100)
188	**TR-303 Inputs - Hosts/Standalones and Remotes**
189	Number of POTS Lines on standard SMs (max: Host 393,216; RSM & ORM 8,191 per SM)
190	Number of POTS Lines on SM2000 (max: Host 691,200; EXM 28,800)
191	ABSBH O+T CCS per POTS line (range 0.01 - 36)
192	ABSBH O+T Calls per POTS Line (range 0.01 - 50)
193	Percent of O+T POTS Calls that are feature calls (range 0 - 100)
194	Administrative Fill Factor for TR-303 Lines (range 0.01 - 100)
195	Number of hairpin special service lines on std. SMs (max: Host 393,216; RSM & ORM 8,191 per SM)
196	Total T1s from TR-303 RDTs terminating on IDCU on std. SMs (min: 2 - max: Host 7,680; RSM & ORM 40 per SM)
197	Number of hairpin special service lines on SM2000 (max: Host 691,200; EXM 28,800)
198	Total T1s from TR-303 RDTs terminating on IDCU on SM2000 (max: Host 28,800; EXM 1,200)
199	DS1s per IDCU (20 or 40)
200	TR-303 Remote Digital Terminal Line Concentration Ratio on std. SMs (range 1 - 50 or U)
201	Number of TR-303 Remote Digital Terminals on std. SMs (max: Host 5,952; RSM & ORM 31 per SM)
202	Number of PIDBs per IDCU on standard SMs (range 2-15 or U)
203	TR-303 Remote Digital Terminal Line Concentration Ratio on SM2000 (range 1 - 50 or U)
204	Number of TR-303 Remote Digital Terminals on SM2000 (max: Host 5,760; EXM 240)
205	Number of PIDBs per IDCU on SM2000 (range 2-16 or U)
206	Number of ISDN BRI lines on standard SMs (max: Host 393,216; RSM & ORM 3,840 per SM)
207	Number of ISDN BRI lines on SM2000 (max: Host 92,160; EXM 3,840)
208	ABSBH O+T CCS per BRI Line (range 0.01 - 72)
209	ABSBH O+T Calls per BRI Line (range 0.01 - 50)
210	Percent of O+T BRI Calls that are feature calls (range 0 - 100)
211	Packets Per Second (PPS) per BRI D-Channel (range 0.02 - 8)
212	Number of Permanent Packet B (PPB) data channels on std. SMs (max: 2 per std. SM ISDN Line)
213	Number of Permanent Packet B (PPB) data channels on SM2000 (max: 2 per SM2000 ISDN Line)
214	Packets per Second (PPS) per PPB (range 0 - 32)
215	Number of ODB channels on standard SMs (max: 2 per std. SM ISDN Line)
216	Number of ODB channels on SM2000 (max: 2 per SM2000 ISDN Line)
217	ABSBH O+T CCS per ODB user (range 0.01 - 22.5)
218	Packets per Second (PPS) per ODB user (range 0 - 32)
219	**ISDN Inputs - Hosts/Standalones and Remotes**
220	***5ESS General Inputs***

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221	Total Inter-Switching Module PPS from standard SMs - Host (0 - 999,999) and ORM (0-24,000) only
222	Total Inter-Switching Module PPS from SM2000 - Host (0 - 999,999) and EXM (0-24,000) only
223	Total Intracluster PPS (RSMs only; maximum 24,000 * (No. of SMs -1))
224	Total Umbilical PPS (RSMs only; maximum 15,232 per SM)
225	Mix BRI and Z cards in the same ISLUs? (not applicable to RSM and ORM with 1 SM, EXM; enter Y or N)
226	D-Channel Protocol Handler type for standard SMs (enter PH3)
227	Permanent Packet B Protocol Handler type for standard SMs (enter PH3)
228	On-Demand B Packet Protocol Handler type for standard SMs (enter PH3)
229	Primary Rate Interface Protocol Handler type for standard SMs (enter PH2 or PH3)
230	Packet Trunking Protocol Handler type for standard SMs (Hosts only; enter PH3)
231	Inter-SM Protocol Handler type for standard SMs (Hosts and ORMs only; enter PH3)
232	Umbilical/Intracluster PH type for standard SMs (RSMs only; enter PH3)
233	XAT Protocol Handler type for standard SMs (enter PH3)
234	***Basic Rate Interface (BRI) on Non-DLC (ISLUs)***
235	No. of lines terminating on U Cards on standard SMs (max: Host 393,216; RSM & ORM 2,048 per SM)
236	No. of lines terminating on T Cards on standard SMs (max: Host 393,216; RSM & ORM 2,048 per SM)
237	No. of lines terminating on U Cards on SM2000 (max: Host 92,160; EXM 3,840)
238	No. of lines terminating on T Cards on SM2000 (max: Host 92,160; EXM 3,840)
239	BRI Administrative Fill Factor (range 0.01 - 100 percent)
240	ABSBH Orig. + Term. CCS per BRI Line (range 0.01 - 72)
241	ABSBH Orig. + Term. Calls per BRI Line (range 0.01 - 50)
242	Percent of Orig. + Term. BRI calls that are feature calls (range 0 - 100)
243	Packets Per Second (PPS) per BRI D-Channel (range 0.02 - 8)
244	No. of PIDBs per ISLU on standard SMs (range 2-16 or U)
245	No. of PIDBs per ISLU2 on SM2000 (range 2 -16 or U)
246	***Non-DLC BRI Permanent Packet B***
247	Number of PPB channels served by U and T cards on standard SM (see NOTE for max)
248	Number of PPB channels served by U and T cards on SM2000 (see NOTE for max)
249	Packets per Second (PPS) per PPB (range 0.01 - 32)
250	***Non-DLC BRI On-Demand B:***
251	Number of ODB channels served by U and T cards on standard SM (max: 2 * (U Lines + T Lines on std SM))
252	Number of ODB channels served by U and T cards on SM2000 (max: 2 * (U Lines + T Lines on SM2K))
253	ABSBH Orig. + Term. CCS per ODB user (range 0.00 - 22.5)
254	Packets per Second (PPS) per ODB user (range 0.01 - 32)
255	***Analog Lines on Z-ISLUs (Z cards)***
256	No. Analog Lines on Z Cards (max: Host 491,520; RSM & ORM 2,560 per SM)
257	Z Card Administrative Fill Factor (if no SM with BRI/Z mix; range 0.01 - 100 percent)
258	ABSBH Orig. + Term. CCS per Analog Line on Z Cards (range 0.01 - 36)
259	ABSBH Orig. + Term. Calls per Analog Line on Z Cards (range 0.01 - 50)
260	Percent of Orig. + Term. Z Card calls that are feature calls (range 0 - 100)
261	PIDBs per Z-ISLU (range 2 - 24 or U)
262	***Basic Rate Interface (BRI) on SM-2000 AIU (Host and EXM only)***
263	Number of BRI Lines on SM-2000 AIU (Max: Host 92,160; EXM 3,840)
264	Administrative Fill Factor for AIU BRI Lines (range: 0.01 - 100)
265	ABSBH Orig.+Term. CCS per AIU BRI Line (range 0.01 - 72)

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266	ABSBH Orig.+Term. Calls per AIU BRI Line (range 0.01 - 50)
267	Packets Per Second (PPS) per AIU BRI D-Channel (range 0.02 - 8)
268	Number of PIDBs per AIU for BRI Lines (range: 2 - 6, or U)
269	Percent of Orig.+Term. AIU BRI Calls that are feature calls (range 0 - 100)
270	Number of PPB channels for AIU BRI Lines (range: 0 - Rounddown(0.05 * No. of AIU BRI Lines))
271	Packets per Second (PPS) per Permanent Packet B (PPB) data channel (range 0.01 - 32)
272	Number of On-Demand B (ODB) Channels for AIU BRI Lines (range: 0 - No. of AIU BRI Lines)
273	ABSBH Orig.+Term. CCS per On-Demand B (ODB) User (range: 0.01 - 22.5)
274	Packets per Second (PPS) per On-Demand B (ODB) User (range 0.01 - 32)
275	AIU BRI Line Concentration Ratio (enter U)
276	***Primary Rate Interface (PRI)***
277	Number of PRI - DLTU2 on standard SM (max: Host 3,840; RSM & ORM 20 per SM)
278	Number of T1's per PRI D channel - DLTU2 on standard SMs (range 1 - 20)
279	Number of PRI - DLTU2 on SM2000 (max: Hosts 3,072; EXMs 128)
280	Number of PRI - DNUS on SM2000 (max: Hosts 3,072; EXMs 128)
281	Number of T1's per PRI D channel - DLTU2 & DNUS on SM2000 (range: Host 1 - 1,440; EXM 1 - 120)
282	ABSBH Originating + Terminating Calls per PRI (range 0 - 460)
283	Percent of Originating + Terminating PRI calls that are originating (range 0 - 100)
284	***Packet Trunking***
285	Number of X.75 trunks - DLTU2 on standard SM (Hosts only; range 0 - 6,120)
286	Number of X.75 trunks - DLTU2 on SM2000 (Hosts only; range 0 - 5,760)
287	Number of X.75 trunks - DNUS on SM2000 (Hosts only; range 0 - 5,760)
288	Packets per Second (PPS) per X.75 trunk (Hosts/Standalones only; range 0.01 - 32)
289	ABSBH Outgoing + Incoming Calls per X.75 Trunk (Hosts/Standalones only; range 0.01 - 200)
290	Number of X.75' trunks - DLTU2 on standard SM (Hosts only; range 0 - 24)
291	Number of X.75' trunks - DLTU2 on SM2000 (Hosts only; range 0 - 5,760)
292	Number of X.75' trunks - DNUS on SM2000 (Hosts only; range 0 - 5,760)
293	Packets per Second (PPS) per X.75' trunk (Hosts/Standalones only; range 0.01 - 32)
294	ABSBH Outgoing + Incoming Calls per X.75' Trunk (Hosts/Standalones only; range 0.01 - 200)
295	Num. of Internal Protocol trunks - DLTU2 on standard SMs (Hosts only; range 0 - 512)
296	Number of Internal Protocol trunks - DLTU2 on SM2000 (Hosts only; range 0 - 5,760)
297	Number of Internal Protocol trunks - DNUS on SM2000 (Hosts only; range 0 - 5,760)
298	Packets per Second (PPS) per Internal Protocol trunk (Hosts/Standalones only; range 0.01 - 32)
299	ABSBH Outgoing + Incoming Calls per Internal Protocol Trunk (Hosts/Standalones only; 0.01 - 200)
300	No. of XAT trunks - DLTU2 on std. SM (max: Host 1,000; RSM & ORM 480/SM, cannot exceed 1,000)
301	No. of XAT trunks - DLTU2 on SM2000 (max: Host 15,360; EXM 640)
302	No. of XAT trunks - DNUS on SM2000 (max: Host 15,360; EXM 640)
303	Packets per Second (PPS) per XAT trunk (range 0.01 - 32)
304	ABSBH Outgoing + Incoming Calls per XAT Trunk (range 0.01 - 200)
305	**END OF 5ESS INPUTS -- DO NOT DELETE THIS ROW**

	E	F	G	H	I
1	**5ESS OFFICE**	**5ESS OFFICE**	**5ESS OFFICE**	**5ESS OFFICE**	**5ESS REMOTE**
2	***ALXNVAADDS0***	***ALXNVABADS0***	***ALXNVABADSS***	***ALXNVABRDS0***	***ALXNVAADRS0***
3					
4					
5	ALXNVAADDS0	ALXNVABADS0	ALXNVABADSS	ALXNVABRDS0	ALXNVAADRS0
6	ANNANDALE		BARCROFT1	BURGUNDY ROAD	ANNANDALE
7	EO	EO	EO	EO	EXM
8					ALXNVABRDS0
9	VA	VA	VA	VA	VA
10	VA	VA	VA	VA	VA
11	1	(U)0	1	1	1
12					
13					
14	01/2001	01/2001	01/2001	01/2001	01/2001
15	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	N
17	Y	Y	Y	Y	N
18	Y	Y	Y	Y	Y
19	Y	N	Y	Y	N
20	N	N	N	Y	N
21	1.20	1.20	1.20	1.20	1.20
22	N	N	N	N	N
23	100.00	100.00	100.00	100.00	100.00
24	2	2	2	2	2
25	2	2	2	2	1
26					
27		U			
28	U	U			
29		U			
30					
31					
32					
33					
34					
35	2001	2001	2001	2001	
36	1.20	1.30	1.30	1.20	
37	N	N	N	N	
38					
39	0	0	0	0	
40	10	10	10	10	
41	11	11	11	11	
42	19.31	19.31	0.91	19.31	
43	20.99	20.99	0.99	20.99	

	E	F	G	H	I
44	22.26	22.26	1.06	22.26	
45					
46	0	0	0	0	0
47	0	0	0	0	0
48	0	0	0	0	0
49	ND	ND	ND	ND	ND
50	0	0	0	0	0
51	0	0	0	0	0
52	0	0	0	0	0
53	ND	ND	ND	ND	ND
54	0	0	0	0	0
55	0	0	0	0	0
56	0	0	0	0	0
57	ND	ND	ND	ND	ND
96					
97					
98	0	0	0	0	
99	96.00			96.00	
100	5.010			2.520	
101	2.18			1.69	
102	8:1	U	U	8:1	
103	(U)0.06	U	0.06	(U)0.06	
104	0	0	0	0	0
105					
106					
107					
108			U		U
109	0.06	U	0.06	0.06	0.06
110	22,482	26,188	310	6,433	148
111	95.00	96.00	95.00	95.00	95.00
112	5.810	5.010	5.930	5.370	3.690
113	3.42	3.54	4.25	3.57	2.50
114	(U)3.5:1	(U)4.67:1	(U)3.5:1	(U)4.67:1	(U)4.67:1
115	(U)5.33	(U)4.00	(U)5.33	(U)4.00	(U)4.00
116	6	6	6	6	6
117					
118	0	0	0	0	
119	95.00			95.00	
120	6.840			9.490	
121	4.02			5.58	
122		U	U		
123	0	0	0	0	
124	0	0	0	0	
125	0.00			0.00	
126	0.000			0.000	
127	0.00			0.00	
128		U	U		
129	0	0	0	0	
130	Y	Y	Y	Y	
131					

	E	F	G	H	I
132	4	0	0	4	
133	0	0	0	0	
134	0	0	0	0	
135	0	0	0	0	
136	ND	ND	ND	ND	
137	63.00	45.00	45.00	50.00	
138					
139	0	0	0	0	
140	0.00			0.00	
141	0.000			0.000	
142	0.00			0.00	
143	0	0	0	0	
144	95.00			95.00	
145	28.040			23.860	
146	8.68			6.85	
147	0	0	0	0	0
148					
149					
150					
151	12,136	5,505	584	3,097	0
152	95.00	95.00	95.00	95.00	
153	28.04	27.76	23.00	23.86	
154	8.68	7.17	15.00	6.85	
155	0	0	0	0	
156					
157					
158					
159	0	0	0	0	
160					
161					
162					
163	0	0	0	0	
164					
165					
166					
167	0	0	0	0	
168					
169					
170					
171					
172	2001	2001	2001	2001	
173	10	10	10	10	
174	N	N	N	N	
175	2001	2001	2001	2001	
176	1	1	1	1	
177	10.00	10.00	10.00	10.00	

	E	F	G	H	I
178					
179					
180					
181					
182					
183					
184					
185					
186					
187	40.00	40.00	40.00	40.00	
188					
189	0	0	0	0	
190	30,541	35,576	421	8,739	201
191	5.810	5.010	5.930	5.370	3.690
192	4.02	3.25	3.50	5.58	2.50
193	50.00	50.00	50.00	50.00	50.00
194	94.65	94.65	94.65	94.65	94.65
195	0	0	0	0	
196					
197	0	0	0	0	0
198	1,246	1,438	31	362	23
199	40	40	40	40	40
200	(U)1.00	U	(U)1.00	(U)1.00	
201					
202	U	2.00	U	U	
203	(U)1.09	(U)1.07	(U)1.00	(U)1.12	(U)1.00
204	295	343	5	85	3
205	(U)7.00	2.00	(U)4.00	(U)7.00	(U)2.00
206	0	0	0	0	
207	507	0	0	497	0
208	6.840			9.490	
209	4.02			5.58	
210					
211	0.02	0.02	0.02	0.02	0.02
212	0	0	0	0	
213	0.00	0.00	0.00	0.00	0.00
214	32.00	32.00	32.00	32.00	32.00
215	0	0	0	0	
216	0	0	0	0	0
217					0.00
218					
219					
220					

	E	F	G	H	I
221	0			0	
222	0	0	0	0	0
223					
224					
225	Y	Y	Y	Y	N
226	PH3	PH3	PH3	PH3	
227	PH3	PH3	PH3	PH3	
228	PH3	PH3	PH3	PH3	
229	PH3	PH2	PH2	PH3	
230	PH3	PH3	PH3	PH3	
231	PH3	PH3	PH3	PH3	
232	PH3	PH3	PH3	PH3	
233	PH3	PH3	PH3	PH3	
234					
235	0	0	0	0	
236	0	0	0	0	
237	0	0	0	0	0
238	0	0	0	0	0
239	95.00			95.00	
240	8.00			8.00	
241	6.00			6.00	
242	50.00			50.00	
243	1.20	0.02	0.02	1.20	0.02
244	8.00	U	U	8.00	
245	U	U	U	U	U
246					
247	0	0	0	0	
248	0	0	0	0	0
249	32.00	32.00	32.00	32.00	32.00
250					
251	0	0	0	0	
252	0	0	0	0	0
253					
254					
255					
256	0	0	0	0	0
257					
258					
259					
260					
261	U	U	U	U	
262					
263	373	0	0	366	
264	93.00			93.00	
265	6.84			9.49	

	E	F	G	H	I
266	4.02			5.58	
267	0.02	0.02	0.02	0.02	
268	(U)4	U	U	(U)4	U
269					
270	0	0	0	0	
271	32.00	32.00	32.00	32.00	
272	0	0	0	0	
273					
274					
275	(U)2.50:1	U	U	(U)2.50:1	U
276					
277	0	0	0	0	
278	1.00	1.00	1.00	1.00	
279	0	0	0	0	0
280	220	0	0	173	0
281	1.00	1.00	1.00	1.00	1.00
282	50.00			50.00	
283	50.00			50.00	
284					
285	0	0	0	0	
286	0	0	0	0	
287	0	0	0	0	
288					
289					
290	0	0	0	0	
291	0	0	0	0	
292	0	0	0	0	
293					
294					
295	0	0	0	0	
296	0	0	0	0	
297	0	0	0	0	
298					
299					
300	0	0	0	0	
301	0	0	0	0	0
302	0	0	0	0	0
303					
304					
305	VAREV	VAREV	VAREV	VAREV	VAREV